NATIONAL LIBRARY of MEDICINE

NEWS

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Online Charges to Rise

The NLM Board of Regents, after weighing the many factors involved in setting charges for the Library's MEDLINE and other online data bases, voted unanimously at its recent meeting in May to affirm the decision to announce a $7 per hour increase in charges effective October 1, 1981.

With the exception of TOXLINE® and CHEMLINE®, the new prices will be $15 per connect hour (nonprime) and $22 per hour (prime time*). Those data bases for which royalty fees are paid (TOXLINE and CHEMLINE) are also being raised in price by $7 per hour. The new prices will be $28 and $35 (TOXLINE nonprime and prime) and $52 and $59 (CHEMLINE nomprime and prime). There will be no change in the present charge for each page of offline printout (27¢ and 22¢ for TOXLINE and CHEMLINE, 15¢ for all other data bases).

*Prime time is 9 a.m. to 5 p.m. Eastern Time.

Regents Chairman Named

Professor **Martha E. Williams** was elected Chairman of the NLM Board of Regents at its recent May 28-29 meeting. She succeeds **Nicholas E. Davies, M.D.**

The Board of Regents is the Library's governing body and meets three times a year to evaluate programs and recommend policy.

Professor Williams, who has been a member of the Board since 1978, teaches information science in the College of Engineering, University of Illinois, in Urbana. Her one-year term of office as Board Chairman begins August 4.

Charge Announced for Film Loans; 1981 NMAC Catalog to Appear

When the National Medical Audiovisual Center transferred its operation from Altanta, Georgia, to Bethesda, Maryland in March 1980, the 16mm film and videocassette loan program was temporarily disrupted. When service resumed it was divided into two separate programs:

- 16 mm Film Loan Service, operated on contract in Atlanta, which allows booking of films in advance.
- Videocassette Interlibrary Loan Service, operated inhouse in Bethesda, which provides loans through medical libraries on an "as available" basis only.

In the past, all NMAC loans were free of charge to requesters in the United States; foreign users were charged $10.00 per loan. Because of increasing operational costs and budget cutbacks in the Federal Government, it will be necessary to begin assessing a $10.00 ser-

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NATIONAL LIBRARY of MEDICINE
NEWS

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vice charge per film loan to all users on October 1, 1981. The alternative was to cease the film service altogether.

The mechanism for billing and collecting of funds has not been entirely worked out yet, but no pre-payment will be required. Users will be billed on a quarterly basis, and the establishment of deposit accounts for frequent users will be explored. We regret any hardship this may cause, but hope you will continue to find our service useful in your teaching efforts.

The *1977 National Medical Audiovisual Center Catalog: Audiovisuals for the Health Scientist*, the major source for locating NMAC films, is out of print now but a new edition will be available for purchase in August from the Government Printing Office, Superintendent of Documents, Washington, D.C. 20402. Orders may be placed now with GPO: stock number S/N 017-052-00221-0; price: $7.00 (plus $1.75, foreign).

For more information on this and other NMAC distribution services, please feel free to contact the Materials Utilization Branch, National Medical Audiovisual Center, 8600 Rockville Pike, Bethesda, MD 20209.

Personnel Notes

Gains

- *Andre Alston,* Computer Operator, Office of Computer and Communications Systems
- *Wilma Bennice,* Secretary, Office of the Director
- *Marian Beratan,* Library Technician, Reference Services Division
- *Connie Keller,* Library Technician, Reference Services Division
- *Maia Nordeen,* Clerk-typist, Reference Services Division
- *Elizabeth Payne,* Computer Specialist, Lister Hill Center

Losses

- *Amy Gall,* Clerk-typist, National Medical Audiovisual Center
- *Steve Hazen,* Budget Analyst, Office of Administration
- *Joanne Holmes,* Library Technician, Reference Services Division
- *Helen Stanbro,* Technical Information Specialist, Bibliographic Services Division
- *Sandra White,* Secretary, Office of the Director
- *Delores Young,* Clerk-typist, Technical Services Division

William G. Cooper, Ph.D. (left) recently received the National Library of Medicine Director's Award from NLM Director Martin M. Cummings, M.D., for his outstanding service to the library. Dr. Cooper, Associate Director for Planning, was cited particularly for his leadership as Acting Director of the National Medical Audiovisual Center last year during the time of the Center's re-staffing following its move from Atlanta.

NLM Classification, 4th Edition, Revised 1981

Since publication of the 4th edition of the *National Library of Medicine Classification* in 1978, a number of changes and additions to the schedule tables and index have been announced in the *Notes for Medical Catalogers.* Because of these changes and the need to update the entries in the index according to new terminology in the 1979-1980 editions of *Medical Subject Headings,* a new revised 4th Edition is being published. (The 1978 edition is out of print.) **Emilie Wiggins,** former head of NLM's Catalog Section was responsible for updating the index terminology.

The major change to the schedule of tables was the elimination of the .3 and .4 subdivisions by publication date and language under numbers for general works. Index entries were revised and augmented according to the latest edition of *MeSH.*

The new revised 4th Edition is scheduled to be available in early September from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. The price is $14 ($3.50 additional for foreign mailing). The stock number is S/N 017-052-00222-8. Orders are now being accepted by GPO.

Ave atque Vale—NLM's Copyflo

Tuesday, June 9, brought the end of one technological era at NLM with the removal of the Library's Xerox Copyflo machine, which had been in daily use for over 20 years. Prior to the development of high-quality office copiers with large fixed glass platens, NLM used microfilm cameras on wheels, moving up and down the stack aisles to film journal articles for interlibrary loan. Film was processed in-house, and paper copy was produced from the film using the Copyflo. A combination of circumstances—including the unavailability of service and parts for the old machine and the availability of improved office copiers—resulted in a test period with office copiers during last fall and early spring. The test confirmed the fact that the copiers produced clearer copy, at a lower cost, with a lower rate of retakes than the prior method.

NLM had tried using an office copier for its high-volume interlibrary loan program over ten years ago, but technology had not caught up with the large volume need: the glass platens would take only one page at a time, chemicals spilled when the copier was moved, and the copy was not of sufficient quality. With the advanced technology in today's equipment, the same overhead trolley lines in the stacks that powered the microfilm cameras serve as the power source for mobile copiers on specially made carts. This system improves quality and speeds the staff's ability to respond to requests for delivery throughout the Regional Medical Library network.

New Literature Searches

Two new titles in the 1981 series of NLM Literature Searches may now be requested from the Library's Reference Section (see below). Literature Searches are printed bibliographies produced through MEDLINE on subjects of current interest. They are available without charge. (A complete list of titles appears in each issue of *Index Medicus* and *Abridged Index Medicus.*) When requesting Literature Searches, please include title and number, enclose a self-addressed gummed label, and mail to:

Literature Search Program
Reference Section
National Library of Medicine
Bethesda, MD 20209

LS 81-3	*Infant botulism.* January 1977 through June 1981. 65 citations.
LS 81-4	*Toxic Shock Syndrome.* January 1979 through June 1981. 34 citations.

New Appointments in Library Operations

Three important staff changes were recently announced in Library Operations:

● **Sheldon Kotzin** has been named Chief of the Bibliographic Services Division (BSD). Since 1978, Mr. Kotzin has been NLM's Regional Medical Library Coordinator. He succeeds Grace McCarn, who had been BSD Chief since 1978. BSD is the component within Library Operations which includes management of the worldwide MEDLARS network, indexing activities, and coordination of online training.

Mr. Kotzin brings a variety of experience to his new position. He received his undergraduate training at the University of Maryland, studied at the East-West Center at the University of Hawaii, and received his Master of Library Science from Indiana University, where he served an internship at the Chemistry Library. Mr. Kotzin joined the National Library of Medicine staff in 1968 following a year's traineeship as an NLM Library Associate. He was named head of the Loan and Stack Section in 1971, a position he held until becoming Regional Medical Library Coordinator.

● **Duane W. Arenales**, Head of the Circulation and Control Section in the Reference Services Division since 1978, has been appointed Deputy Chief of the Technical Services Division (TSD). This Division has responsibility for acquiring and collecting literature for NLM, organizing and controlling the collection, and providing original cataloging and other bibliographic services to the library community. Ms. Arenales received her B.A. from the University of Colorado and an M.L.S. from the University of Maryland. She has been with the Library since 1971, first in the Serial Records Section of TSD, and then in increasingly responsible positions in RSD's Circulation and Control Section.

● **Carolyn B. Tilley** has been named Head of the MEDLARS Management Section (MMS). Ms. Tilley has been a Technical Information Specialist in MMS since 1972. She received her B.S. from American University and her M.L.S. from the University of Maryland. MMS, a part of the Bibliographic Services Division, serves as the public contact point for the day-to-day operation of the NLM Online User Network. The Section provides answers to telephone and written inquiries about the use and characteristics of the various data bases, maintains billing records, processes applications for access to the Network, handles the mailing of offline prints and offsearches, produces manuals and other descriptive materials, and is responsible for all training in the use of the online system.

Sheldon Kotzin

Duane Arenales

Carolyn Tilley

NTIS: Supporting U.S. Productivity in the '80s*

Each day a tremendous volume of new scientific and technical information is added to the already immense body of available research. The world's largest publisher and distributor of Government-sponsored and other generally unpublished technical information is the National Technical Information Service (NTIS) in the Department of Commerce, a long time collaborator with NLM.

In cooperation with NLM and many other agencies, NTIS is a key participant in the development of advanced information products and services toward the achievement of U.S. productivity and innovation goals for the 1980s. This agency has responsibility for the public sale of U.S. Government-sponsored research and development results. More than 300 Federal agencies annually provide some 80,000 new research and engineering reports in widely varied subject areas. NTIS also collects and sells foreign technological reports of interest to U.S. industry. It is a unique Federal agency in that it is totally self-supporting from sales.

The cooperative effort between NLM and NTIS provides clients with a variety of useful information. NTIS supports NLM's MEDLINE network activity serving as NLM's billing and collection agent for all network users. And NTIS provides these same data bases directly to its customers in the form of magnetic tapes. Services such as MEDLINE, TOXLINE, and CHEMLINE are therefore easily accessible. NTIS also sells many publications produced by NLM including such titles as *A Guide to Using the Bibliographic Features of the Integrated Library System (ILS), MEDLARS Indexing Manual,* and the *Medical Subject Headings—Annotated Alphabetic List, 1981.*

A further example of NTIS and NLM cooperation is the joint demonstration of the new system for automating libraries. This *Integrated Library System* was demonstrated online by NTIS and NLM at the June meeting of the Medical Library Association. ILS was developed at the Library's Lister Hill National Center for Biomedical Communications as part of an R&D effort by the Center's Computer Technology Branch. NTIS is helping to make this system available to libraries worldwide.

The National Technical Information Service, part of the Department of Commerce, is located in Springfield, Virginia.

The Center for Disease Control of the Public Health Service administers a nationwide program of research, information and education. The Bureau of Laboratories, one of the Center's eight major operating components uses NTIS facilities to make selected reports and handbooks available to the public.

The NTIS information collection, comprising more than a million titles, is available for sale in both paper copy and microforms. NLM users will find medical information available from NTIS in many different forms and categories.

For example, NTIS offers a service called Selected Research in Microfiche (SRIM). Of 38 major subject categories, three deal with health and medicine. This service provides users with biweekly packets of newly acquired full-text reports on microfiche. Customers receive the reports as soon as they are entered into the data base.

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*This article was prepared for the *News* by the National Technical Information Service. NTIS Director **Melvin S. Day** was formerly Deputy Director of the National Library of Medicine.

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One category of Selected Research in Microfiche is Clinical Medicine. Over 100 complete report texts were sent to subscribers over a 12-month period, costing the customer $882. The same titles in this category, ordered individually in microfiche, would cost $3,633; and in paper copy, about $9,300.

Another service, Abstract Newletters, provides weekly overviews of new research in the form of abstracts. Newsletters such as *Health Planning and Health Services Research, Medicine and Biology,* and *Biomedical Technology and Human Factors Engineering* provide information on the source of research and briefly tell what the reports cover. And every newsletter offers the convenience of ordering whichever of those reports are useful to the reader at that time.

Yet another service, and one that saves NTIS clients money as well as valuable time, is Published Searches. This product provides volumes of bibliographic data with informative abstracts in the specified subject areas. There are, for instance, a large number of Published Searches already available in the category of Biomedical Technology and Engineering. They cover such subjects as artificial organs, cryobiology, blindness, and blood preservation and storage. And there are, of course, many other searches in other medically oriented categories, besides the thousands of searches in subject areas from construction to environmental pollution and control.

NLM users will find that NTIS provides access to materials from many other data bases besides its own, including very valuable and recent material from the International Cancer Research Data Bank, which allows cancer researchers a means of keeping up with rapid developments taking place in the field. From this data bank come publications such as *Cancergrams, Special Listings,* and *Oncology Overviews.*

Perhaps the most useful of the NTIS products and services is its Bibliographic Data Base. Anyone seeking the latest technical reports or wanting to compile unique subject groups of abstracts may search the NTIS Bibliographic Data Base online, using the services of organizations maintaining the data base for public use, through contractual relationships with NTIS. The whole data base may also be leased in machine-readable format directly from NTIS.

These and other services can provide NLM users an additional reference and research source. For detailed information about NTIS products and services, NLM users are encouraged to request, free of charge, the *NTIS General Catalog of Information Services PR-154.* Write to NTIS, 5285 Port Royal Road, Springfield, VA 22161, or call (703) 487-4812.

Union Lists of Serials: Guidelines

The Region VII Regional Medical Library has prepared a useful guide to introduce the issues, problems, and alternatives to be considered in collecting holdings data and developing union lists. (See Betsy Humphrey's article in the May 1981 *News:* "NLM's National Biomedical Holdings Data Base.")

Union Lists of Serials: Guidelines provides a framework for assuring that manually produced lists can be readily transferred to machine-readable format—a format maximally compatible with NLM's National Biomedical Holdings Data Base.

Included in the *Guidelines* are a description of the regional and national contexts in which union list activities occur, specific information for the design, funding, preparation, and maintenance of a union list, and detailed procedures for reporting holdings data in the American National Standards Committee (ANSC) format.

The price of the *Guidelines* is $10 per copy. Prepayment is preferred and checks should be made payable to the University of Illinois. Address orders to:

Midwest Health Science Library Network
Management Office
Library of the Health Sciences
University of Illinois at the Medical Center
P.O. Box 7509
Chicago, IL 60680

Information Transfer in Toxicology

A Symposium on Information Transfer in Toxicology will be held on September 16-17 in the Library's Lister Hill Center Auditorium. The Symposium will examine the state-of-the-art in the transfer of toxicological information.

Five sessions will feature keynote speakers as well as audience participation on the following topics:

- *Toxicological Data: From Generation to Publication*
- *Information Transfer from Primary to Secondary Sources*
- *Methodologies of Information Synthesis*
- *Innovation in the Handling of Toxicological Information*
- *Legislative Needs and Uses of Toxicological Information*

The Symposium is jointly sponsored by the Department of Health and Human Services (DHHS) *Committee to Coordinate Environmental and Related Programs* and the *Interagency Toxic Substances Data Committee.*

For further information, including a registration form ($10 registration fee) and hotel reservation form, contact the Program Chairman—

George J. Cosmides, Ph.D.
Deputy Associate Director
Specialized Information Services
National Library of Medicine
Bethesda, MD 20209
Phone: (301) 496-3147

GPO Announces Changes in Subscription Rates

Effective August 1, the annual subscription prices for three NLM publications will increase. The new rates are noted below.

- *NLM Current Catalog* (quarterly): $23 ($28.75 foreign)
- *Abridged Index Medicus* (monthly): $34 ($42.50 foreign)
- *Health Sciences Serials* (quarterly; microfiche only): $16 ($20 foreign). The Superintendent of Documents will now make single copies of the publication available; price: $4.50 ($5.65 foreign). *Health Sciences Serials,* which began publication in 1978, contains information on some 36,000 serials in NLM's SERLINE data base; many records include locator information for 120 libraries in the U.S. Each quarterly issue supersedes the preceding one.

The new prices will apply to new orders and renewals. Orders with remittance should be sent to the Superintendent of Documents, U.S.G.P.O., Washington, DC 20402.

In early June workers began assembling a major piece of sculpture by noted American artist Kenneth Snelson. The work, titled "Tree I," is composed of stainless steel tubes and steel cables which appear to float unsupported. Dedication of the new sculpture, positioned on the terrace between NLM and the new Lister Hill Center building, is planned for later this summer.

Serial Gap List

NLM regularly solicits the help of the medical library community in filling gaps in its serial

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collections. If you can provide any of these items we would be most grateful. Please address them to:

National Library of Medicine
TSD-GAPS
Bethesda, MD 20209

American Journal of Intravenous Therapy 4: 3, 1977

Clinical and Investigative Medicine. Medecine Clinique et Experimentale Vol. 1, 1978

Environmental Quality and Safety Vol. 3: Supplement, 1975

Journal of Clinical Psychiatry 40: 4, 1979

Scientific Publication—Pan American Health Organization Nos. 27-43, 45, 47, 49-63, 65-85, 88-93, 99, 101, 103, 105, 107-110, 112, 113, 116-118, 120-122, 124, 127, 128, 132, 133, 137, 141, 143-146, 148, 153-158, 162, 163, 197, 200, 202, 203, 206, 209, 210, 212-215, 221, 224, 229, 230, 232, 233, 241, 242, 244-246, 249, 250, 255, 259-261, 264, 267, 269, 270, 272-274, 277, 280-286, 288-293, 295, 297, 299-303, 305-307, 309-312, 317, 320-322, 324, 326-331, 335-341, 343-346, 349, 351-353, 361-363, 367-369, 376-379

Surfactant Science Series No. 6, Pt. 2, 1974

Toxicology and Applied Pharmacology. Supplement. No. 2, 196-

Update: Cardiology 1: 1-12, 1976; 3: 8-12, 197-

Week...for Hospitals 3: 15, 50, 1967; 4: 1-3, 34, 1968

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